Index of Claims



Application No.

10/812,750

Examiner

Applicant(s)

CHANG, CHING-WEI

Art Unit

ANTHONY J BLACKMAN

2676

| <b>√</b> | Rejected |
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| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   |                                |

Restricted

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| 2 | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |
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| 0 | Objected |

| Cla                                   | _  |          |          |              | <u>Dat</u> | e        |          |          |          |          |
|---------------------------------------|--|----------|----------|--------------|------------|----------|----------|----------|----------|----------|
| Final                                 | Original                                     | 5/20/05  |          |              |            |          |          |          |          |          |
|                                       | 1  | 1        | _        |              | $\vdash$   |          | -        | ┢        | ┢        | Н        |
|                                       | 2  | 7        |          |              | $\vdash$   | $\vdash$ | Г        | Г        | Т        | П        |
|                                       | 3  | 7        |          |              | Г          | Г        |          |          |          | П        |
|                                       | 4  | 7        |          |              |            |          |          | Г        |          | П        |
|                                       | 5  | 7        |          |              |            |          |          |          |          |          |
|                                       | 1<br>2<br>3<br>4<br>5<br>6<br>7              | 1        |          |              |            |          |          |          |          |          |
|                                       | 7  | 1        |          |              |            |          |          |          |          |          |
|                                       | 8  | /        |          | _            |            |          | <u> </u> | _        |          | Ш        |
|                                       | 9  | 1        |          | <u> </u>     | <u> </u>   | ldash    | <u> </u> | _        | ┡        | Щ        |
| <u> </u>                              | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17 | 1        |          | <u> </u>     | $\vdash$   | _        | ┡        | _        | ├-       | _        |
| ⊢—                                    | 11   | <u> </u> | _        | _            | ⊢          | $\vdash$ | ├        | H        | ├        | -        |
| -                                     | 12   | -        | _        | $\vdash$     | $\vdash$   | $\vdash$ | ┝        | ┝        | $\vdash$ | $\dashv$ |
|                                       | 1.4  | <u> </u> |          | ┢            | -          | ┢        | -        |          | -        | Н        |
|                                       | 15   | _        | _        | <u> </u>     |            |          | $\vdash$ | H        | ┝        | H        |
|                                       | 16   |          | _        | <del> </del> |            | $\vdash$ | -        | _        | $\vdash$ | $\vdash$ |
|                                       | 17   |          |          |              |            |          |          |          |          | Ħ        |
|                                       | 18   |          |          |              | -          |          |          |          |          |          |
|                                       | 18<br>19                                     |          |          | Г            |            |          |          |          |          |          |
|                                       | 20   |          |          |              |            |          |          |          |          |          |
|                                       | 21   |          |          |              |            |          |          |          |          |          |
|                                       | 21<br>22<br>23                               |          |          |              |            |          |          |          | <u> </u> |          |
| <u> </u>                              | 23   |          |          | _            | _          |          | <u> </u> | _        | <u> </u> | Ц        |
| <u> </u>                              | 24<br>25                                     | -        |          | _            | _          |          | <u> </u> | <u> </u> | <u> </u> | Н        |
|                                       | 25   | -        | _        | <u> </u>     | _          |          |          | ⊢        | ⊢        | $\vdash$ |
|                                       | 26<br>27<br>28                               | -        |          | -            |            |          |          | _        | _        | -        |
|                                       | 28   |          |          | $\vdash$     | _          |          | H        |          | -        | Н        |
| $\vdash$                              | 29   | -        | -        |              | -          | -        |          |          |          |          |
| <b></b>                               | 29<br>30<br>31<br>32                         | $\vdash$ |          |              |            | _        |          |          | -        |          |
|                                       | 31   | _        |          |              |            |          |          |          | $\vdash$ |          |
|                                       | 32   |          |          | Г            |            |          |          |          |          |          |
|                                       | 33   |          |          | L            |            |          |          |          |          |          |
|                                       | 34<br>35                                     |          |          |              |            |          |          |          |          |          |
|                                       | 35   |          |          |              |            |          | Ĺ        |          | Ľ        |          |
|                                       | 36   |          | _        |              |            | <u> </u> | $\vdash$ | <u> </u> | _        | Щ        |
|                                       | 37   |          | _        |              |            |          |          | <u> </u> | l-       | Ц        |
| -                                     | 38<br>39                                     | $\vdash$ | -        | <u> </u>     | -          | <b>.</b> | H        |          | <u> </u> | Н        |
| -                                     | 40   | $\vdash$ |          | $\vdash$     | -          | <u> </u> | $\vdash$ |          | $\vdash$ | $\dashv$ |
| -                                     | 41   | $\vdash$ | $\vdash$ | H            | H          |          | $\vdash$ | ۳-       | $\vdash$ | $\vdash$ |
|                                       | 42   | $\vdash$ | $\vdash$ | $\vdash$     | Н          |          | $\vdash$ | <u> </u> |          | $\vdash$ |
| · · · · · · · · · · · · · · · · · · · | 43   | Н        |          |              |            |          | Н        | _        |          | $\dashv$ |
|                                       | 44   |          | Т        | Т            |            | Т        | Г        | _        | Г        | Н        |
| -                                     | 45   | Г        | _        | Г            |            | _        | П        |          | Г        |          |
|                                       | 46   |          |          |              |            |          |          |          |          | $\Box$   |
|                                       | 47   |          |          |              |            |          |          |          |          |          |
|                                       | 48   |          |          |              |            |          |          |          |          |          |
|                                       | 49   |          |          | L            | 匚          |          |          |          |          |          |
| 1                                     | 50   |          | 1        |              | 1          | 1        | 1 7      | 1        |          |          |

| Claim           |                | Date     |              |                |          |              |          |          |              |                 |  |
|-----------------|----------------|----------|--------------|----------------|----------|--------------|----------|----------|--------------|-----------------|--|
|                 |                | I        | Г            |                |          | Ī            | Γ        | Г        | Г            |                 |  |
| <del>-</del>    | Original       |          |              |                |          |              | ĺ        |          |              |                 |  |
| Final           | ij             |          |              |                |          |              |          | ŀ        |              |                 |  |
| _               | ō              |          |              |                |          |              |          |          |              |                 |  |
|                 | 51             | $\vdash$ | $\vdash$     | ┢              | $\vdash$ | $\vdash$     | $\vdash$ |          | _            |                 |  |
|                 | 51<br>52       | $\vdash$ | ┝            | ⊢              | ⊢        | ├            | ├        | _        |              | -               |  |
|                 | 52             | $\vdash$ | ├            | ⊢              | ⊢        | -            | -        | _        |              | -               |  |
|                 | 53<br>54<br>55 | $\vdash$ | -            | <u> </u>       | $\vdash$ | <u> </u>     | -        | <u> </u> |              | _               |  |
|                 | 54             | <u> </u> | <u> </u>     | <u> </u>       | _        | -            |          | _        | _            | <u> </u>        |  |
|                 | 55             | <u> </u> | _            | _              | <u> </u> | L_           |          |          |              |                 |  |
|                 | 56             | <u> </u> | _            |                | _        | _            | _        |          |              | Щ               |  |
|                 | 57             |          | _            |                | <u> </u> | _            | _        | _        |              | Щ               |  |
|                 | 58             |          | <u></u>      | _              |          |              |          | <u> </u> |              | L               |  |
|                 | 59<br>60       | <u> </u> |              |                |          |              | _        |          |              | Ш               |  |
|                 | 60             |          | L            |                | _        |              |          | <u> </u> |              |                 |  |
|                 | 61             |          | L            | <u></u>        | <u> </u> | L            | <u> </u> | L        |              |                 |  |
|                 | 62<br>63       |          |              |                |          |              |          |          |              |                 |  |
|                 | 63             |          | L            | L              | L        | L            | L        | L        | L            |                 |  |
|                 | 64             |          |              |                |          |              | L        |          | L            |                 |  |
|                 | 65             |          |              |                |          |              |          |          |              |                 |  |
|                 | 66             |          |              |                |          |              |          |          |              |                 |  |
|                 | 67             |          |              |                |          |              |          |          |              | П               |  |
|                 | 68             |          |              |                |          |              |          |          |              |                 |  |
|                 | 69             | Т        | _            |                |          | _            | $\vdash$ | _        |              |                 |  |
|                 | 69<br>70       | _        |              |                | $\vdash$ | $\vdash$     | _        | -        | _            | П               |  |
|                 | 71             | Н        | $\vdash$     |                |          | $\vdash$     | Н        | $\vdash$ | $\vdash$     |                 |  |
|                 | 72             |          | _            |                |          | _            | _        | $\vdash$ | $\vdash$     | Н               |  |
|                 | 72<br>73       | _        |              |                |          | $\vdash$     |          | $\vdash$ |              | Н               |  |
|                 | 74             | _        | _            | _              |          | _            | $\vdash$ | _        | ┢            | Н               |  |
|                 | 75             |          |              |                |          | $\vdash$     |          | Г        |              | П               |  |
|                 | 75<br>76       | $\vdash$ |              |                | -        | _            | $\vdash$ |          |              |                 |  |
| $\vdash$        | 77             |          |              | _              |          | $\vdash$     |          |          | $\vdash$     | Н               |  |
|                 | 77<br>78       |          | _            |                |          |              |          |          | _            | H               |  |
|                 | 79             |          |              |                |          | $\vdash$     | _        |          | $\vdash$     |                 |  |
|                 | 80             | $\vdash$ | _            | Н              |          | Н            | $\vdash$ | Н        | $\vdash$     | Н               |  |
| <b></b>         | 81             | $\vdash$ | $\vdash$     | -              |          | _            | H        | $\vdash$ | $\vdash$     | Н               |  |
|                 | 82             | $\vdash$ | _            | -              |          | -            | Н        | $\vdash$ | <del> </del> | Н               |  |
| H               | 83             |          |              |                |          |              |          |          | $\vdash$     | H               |  |
| $\vdash$        | 84             |          | -            |                |          |              | $\vdash$ |          | $\vdash$     | $\vdash$        |  |
| $\vdash$        | 85             | $\vdash$ | -            | $\vdash$       |          | $\vdash$     | -        | <u> </u> | $\vdash$     | $\vdash$        |  |
| $\vdash$        | 86             | -        | $\vdash$     | $\vdash$       | <u> </u> | Η-           | $\vdash$ | $\vdash$ | -            | Н               |  |
| $\vdash \vdash$ | 87             | $\vdash$ | Н            | Н              | H        | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$        |  |
| $\vdash \vdash$ | 88             | $\vdash$ | H            | $\vdash$       |          | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$        |  |
| H               | 89             |          | H            | <del>   </del> |          | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$     | H               |  |
| H               | 90             | -        | <u> </u>     |                |          | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$     | Н               |  |
| $\vdash$        |                | $\vdash$ | <del>-</del> | H              | H        | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$        |  |
| $\vdash\vdash$  | 91             | $\vdash$ | <del></del>  | <del> </del>   | H-       | -            | $\vdash$ | $\vdash$ | -            | $\vdash$        |  |
| $\vdash \vdash$ | 93             |          | <u> </u>     |                |          | -            | -        | $\vdash$ | -            | $\vdash$        |  |
| $\vdash$        | 93             | $\vdash$ | Ь—           | <u> </u>       | <u> </u> | <del> </del> | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$        |  |
| $\vdash \vdash$ | 94             | -        |              | ├              | $\vdash$ | <u> </u>     | $\vdash$ | $\vdash$ | $\vdash$     | Н               |  |
| <u> </u>        | 95             | <u> </u> | <u> </u>     |                | ļ        | <u> </u>     | <u> </u> | <u> </u> | ├            | Н               |  |
|                 | 96             | H        | _            | <u> </u>       | $\vdash$ | $\vdash$     | <u> </u> | ├—       | $\vdash$     | $\vdash \vdash$ |  |
| <u> </u>        | 97             | <u> </u> | <u> </u>     | <u> </u>       | <u> </u> | ⊢            | $\vdash$ | <u> </u> | <u> </u>     | $\vdash$        |  |
| $\vdash$        | 98             | $\vdash$ | <u> </u>     | Ľ              | <u> </u> | ļ            | <u> </u> | <u> </u> | <u> </u>     | $\vdash \vdash$ |  |
| L               | 99             |          | _            | L_             | _        | <u> </u>     | _        | <u> </u> | <u> </u>     | Ш               |  |

100

| CI       | aim        |   | Date         |          |          |          |   |               |                    |                                     |  |  |
|----------|------------|---|--------------|----------|----------|----------|---|---------------|--------------------|-------------------------------------|--|--|
| Final    | Original   |   |              |          |          |          |   |               |                    |                                     |  |  |
|          | 101        |   |              |          |          |          |   |               |                    |                                     |  |  |
|          | 102        |   |              |          | L        |          |   |               |                    | L                                   |  |  |
|          | 103        | _ | _            | <u> </u> |          | <u> </u> | _   | L             | _                  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |  |  |
| <u> </u> | 104        |   | <u> </u>     | <u> </u> | _        | <u> </u> | _   | <u> </u>      | <u> </u>           | <u> </u>                            |  |  |
| <u> </u> | 105        |   | L            | _        | L        |          | _   | <u> </u>      |                    | _                                   |  |  |
| <u> </u> | 106        |   | _            | _        |          | <u> </u> | _   | <u> </u>      | <u> </u>           | <u> </u>                            |  |  |
| -        | 107<br>108 |   | ┝            | ├        | $\vdash$ | _        |   | ⊢             | -                  | -                                   |  |  |
|          | 109        |   | -            | ⊢        |          | -        | $\vdash$                                    | ├             | ┝                  | $\vdash$                            |  |  |
|          | 110        |   | $\vdash$     | $\vdash$ | -        | $\vdash$ | ┢   | -             | -                  | ┢                                   |  |  |
|          | 111        | _ | ├─           | _        | $\vdash$ | $\vdash$ |   |               | _                  | ╁                                   |  |  |
| <b></b>  | 112        |   |              | $\vdash$ | $\vdash$ | $\vdash$ | _   | 1             |                    | <u> </u>                            |  |  |
|          | 113        |   |              |          | Г        | Г        |   | Г             |                    | Г                                   |  |  |
|          | 114        |   |              |          |          |          |   |               |                    |                                     |  |  |
|          | 115        |   |              |          |          |          |   |               |                    |                                     |  |  |
|          | 116        |   |              |          |          |          |   |               |                    |                                     |  |  |
|          | 117        |   | <u> </u>     | L        |          |          |   |               |                    |                                     |  |  |
| ļ        | 118        |   | L.           | _        | _        |          | _   |               | <u> </u>           | _                                   |  |  |
| <u> </u> | 119        |   | _            | _        | _        |          | Щ.  |               |                    |                                     |  |  |
|          | 120        |   | <u> </u>     |          |          | _        | <u> </u>                                    |               | ļ                  |                                     |  |  |
| -        | 121<br>122 |   | L            | -        |          |          | _   | _             | <u> </u>           |                                     |  |  |
|          | 122        |   |              |          | -        |          | _   |               | -                  | ļ                                   |  |  |
|          | 123<br>124 |   | H            |          |          |          | <u> </u>                                    |               | ┢                  |                                     |  |  |
|          | 125        |   | -            |          |          |          | $\vdash$                                    | _             | -                  |                                     |  |  |
| -        | 126        |   |              | $\vdash$ |          |          |   |               | $\vdash$           |                                     |  |  |
|          | 126<br>127 |   |              | $\vdash$ |          |          |   |               | $\vdash$           |                                     |  |  |
|          | 128        |   |              |          |          | _        |   |               | $\vdash$           |                                     |  |  |
|          | 129        |   |              |          |          |          |   |               |                    |                                     |  |  |
|          | 129<br>130 |   |              |          |          |          |   |               |                    |                                     |  |  |
|          | 131        |   |              |          |          |          |   |               |                    |                                     |  |  |
|          | 132        |   |              | L        |          |          |   |               | <u> </u>           | <u> </u>                            |  |  |
|          | 133        |   |              | <u> </u> |          |          | L   | L.            | L                  | _                                   |  |  |
| <u> </u> | 134        |   | <u> </u>     | <u> </u> |          | _        | $\vdash$                                    | <u> </u>      | <u> </u>           | <u> </u>                            |  |  |
| -        | 135        | _ | H            | <u> </u> | <u> </u> |          | <del> </del>                                | -             | $\vdash$           | -                                   |  |  |
| <u> </u> | 136        | _ | <del> </del> | $\vdash$ |          | <u> </u> | -   | <u> </u>      | _                  |                                     |  |  |
| -        | 137<br>138 |   | -            | H        | $\vdash$ | $\vdash$ | $\vdash$                                    | _             | <del> </del>       | $\vdash$                            |  |  |
| -        | 139        | - | -            | $\vdash$ |          | $\vdash$ | $\vdash$                                    | <del> -</del> | ├-                 | $\vdash$                            |  |  |
| -        | 140        | - | -            |          |          | _        | $\vdash$                                    | <u> </u>      |                    | $\vdash$                            |  |  |
|          | 141        |   |              | $\vdash$ | $\vdash$ | _        | Н   |               | $\vdash$           | <del> </del>                        |  |  |
|          | 142        | _ | Т            | П        |          | Т        | $\vdash$                                    | $\vdash$      | $\vdash$           | Г                                   |  |  |
|          | 143        |   |              |          |          | Т        |   | Т             | Γ                  | Г                                   |  |  |
|          | 144        |   |              |          |          |          |   |               |                    |                                     |  |  |
|          | 145        |   |              |          |          |          |   |               |                    |                                     |  |  |
|          | 146        |   |              |          |          |          |   |               |                    |                                     |  |  |
|          | 147        |   |              |          |          |          |   |               | 匚                  |                                     |  |  |
|          | 148        |   |              |          |          |          |   |               | oxdot              | $\Box$                              |  |  |
|          | 149        |   | $\Box$       |          |          |          | _   | L             | $oxedsymbol{oxed}$ | L                                   |  |  |
| L        | 150        |   |              |          |          |          | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{ld}}}$ |               |                    |                                     |  |  |